1	2	3
27.	Chandigarh	351
28.	Daman & Diu	19
29.	Dadra & Nagar	27
30.	Lakshadweep	48
31.	Pondicherry	722
32.	Sikkim	66
33.	Uttaranchal	2119
34.	Jharkhand	6978
35.	Chattisgarh	5429
	TOTAL	**250000**

Conversion of sea water into potable water by Atomic Energy

†4488. DR. PRABHA THAKUR: Will the PRIME MINISTER be pleased to State:

(a) Whether the sea water could be converted into potable water by means of atomic energy;

(b) if so, whether Government have any such project;

(c) if so, the details thereof; and

(d) the per litre cost of conversion of sea water into potable water by atomic energy, the details thereof?

THE MINISTER OF STATE IN THE PRIME MINISTER'S OFFICE (SHRI PRITHVIRAJ CHAVAN): (a) Yes, Sir.

(b) Yes, Sir.

(c) The Bhaba Atomic Research Centre (BARC) has set up a Reverse Osmosis (RO) Desalination Plant with a capacity of 18 (eighteen) lakh litres per day as a part of Nuclear Desalination Demonstration Project (NDDP), Kalpakkam, Tamil Nadu for sea water desalination which is operating satisfactorily. Under this project another plant using Multi-Stage Flash (MSF) technology with a capacity of 45 (forty-five) lakh litres per

† Original notice of the question was received in Hindi.

day is in advanced stage of construction. The project is attached to Madras Atomic Power Station (MAPS), Kalpakkam, Tamil Nadu.

BARC has also set up Desalination Plants at Sheelgaon village in Barmer district, Rajasthan [30,000 litres/day capacity] and Satlana village in Jodhpur district [30,000] litres/ day capacity] in cooperation with Defence Laboratory, Jodhpur (Rajasthan) for provding drinking water from bore well/brackish water sources.

BARC has recently set up Desalination Plant [5000 litres/day capacity] in the Tsunami affected area of Nagapattinam in Tamil Nadu for providing drinking water.

(d) The Cost of Desalination of water depends on the location of the plant, the impurity and salt content of water and the capacity of plant. For a Reverse Osmosis (RO) Plant the cost of Desalination of sea water would be around 5 paise per litre and for brackish water Desalination the cost works out to around 2 to 5 paise per litre.

Coal imports due to non-fulfilment of coal demand by industries

†4489. DR. MURLI MANOHAR JOSHI:
SHRI RAM JETHMALANI:

Will the PRIME MINISTER be pleased to state:

(a) whether it is a fact that due to non-fulfilment of coal demand major coal consumer industries in the country are importing the coal;

(b) if so, the major coal consuming industries during the year 2002-2003, 2003-04, and 2004-05 alongwith the quantum of the coal imported by them separately; and

(c) the percentage of the demand of these industries fulfilled by the said import?

THE MINISTER OF STATE IN THE MINISTRY OF COAL (DR. DASARI NARAYANA RAO): (a) Coal companies by and large have been able to supply coal to the major coal consumer industries as per the approved linkages. However owing to gap between the demand made by the consumers and the indigenous coal production, major consumers have been impressed upon to import coal to bridge the gap.

† Original notice of the question was received in Hindi.